BRUHATH BANGALORE MAHANAGARA PALIKE
EXECUTIVE ENGINEER
YELAHANKA DIVISION

MASUREMENT SHEETS

1st and Final Bill

Name of Work: Providing and fixing SS Name Boards in Attur Ward No.04 of Yelahanka Satellite Town Sub Division.

Job Code No: 004-23-000017

Name of Agency: Sri. Pradeepa K A

BRUHAT BANGALORE MAHANAGARA PALIKE

Executive Engineer, Yelahanka Division

Name of Work: Providing and fixing SS Name Boards in Attur Ward No.04 of Yelahanka Satellite Town Sub Division.

Measurement Sheet

1st & Final Bill

Name of Agency: Sri. Pradeepa K A Recorded on 16.09.2023.

Item No.	1							

Item Name: Supply and fixing of Retro Reflective Single Arrow Road name sign board of size 1600mm x 900mm made out of retro reflective sheeting conforming to type XI standards of ASTM D 4956-09 & as per IRC 67-2012 for full back ground of blue color & white letters and fixed over 4 mm thick Aluminium composite Material sheet having minimum 0.5mm thick aluminium skin on both sides with back side painted grey color and fixed over back support frames SS angle of 15mm x 20mm x 1.2mm, supported by 38mm OD stainless steel pipe all round in 304 grade and 2nos of vertical posts of 50mm OD stainless steel pipe of 202 grade firmly fixed to the ground by means of properly designed foundation of size 450mm x 450mm x 600mm in 1:1.5:3 ratio cement concrete. The background shall be blue in color with letters and border in white, the item includes earthwork excavation, cost of all materials loading, unloading, lead, lift, transportation etc., complete as per clause 6.9 of IRC 67-2012 or Type XI retro reflective sheeting from the sheeting manufacturer & a certified copy of test reports from an independent test laboratory conforming to clause 6.7 of IRC 67-2012 including outdoor weather exposure report for the retro reflective sheeting offered hall be submitted by the contractor for technical qualification in the tender. (Approved Rate)

SL NO	CHAINAGE	NO	L (m)	Avg B (m)	Avg D (m)	QTY	REMARKS
Pre-Measurement Recorded On:							
Single Arrow SS Name Boards							
	RHS						
	Hill Side Meadows 1st Main Road	1				1.00	
	Sai Nagara 2nd Stage Main Road	1				1.00	
	Best County II-1st Main Raod	1				1.00	

SL NO	CHAINAGE	NO	L (m)	Avg B (m)	Avg D (m)	QTY	REMARKS
	Best County III-1st Main Raod	1				1.00	
	G Ramiah Layout Main Road	1				1.00	
	BHEL Layout 1st Main Road	1				1.00	
	Vishva Nagara Main Raod	1				1.00	
	Best County III-3rd Main Raod	1				1.00	
	Vijay Bank Layout 1st Main Road	1				1.00	
	Doddabettahalli Layout	1				1.00	
	Adithya Nagara 1st Pahse, 3rd Main Road	1				1.00	
	Ambabhavani Layout 1st Main Road	1				1.00	
	Sainagra 2nd Stage 1st Main Road	1				1.00	
	Sainagra 2nd Stage 2nd Main Road	1				1.00	
	Ayyappa Layout 1st Main Road	1				1.00	
	BBMP Office Road, Doddabettahalli	1				1.00	
	Veera Sagar Main Road, Kampanahalli	1				1.00	
	SFS 407 1st A Main Road	1				1.00	
	Ashwathnarayan 4th Cross Road	1				1.00	
	Thirumalanagara 5th Cross Road	1				1.00	
	Jyothinagara 5th Cross Road	1				1.00	
	Chikkabettahalli 3rd main Road	1				1.00	
	SFS 407 4th Main Road	1				1.00	

SL NO	CHAINAGE	NO	L (m)	Avg B (m)	Avg D (m)	QTY	REMARKS
	Jyothinagara 3rd Cross Road	1				1.00	
	SFS 407 3rd Main Road	1				1.00	
	LHS						
	Rajiv Ghandhi Nagar 1st Main Road	1				1.00	
	Anusuya Chandrappa 1st Main Road	1				1.00	
	Anusuya Chandrappa 2nd Main Road	1				1.00	
	Namma Clinic Govt Hospital	1				1.00	
	Basavalingappa Nagar Main Road	1				1.00	
	Sai Baba Temple Main Road	1				1.00	
	Kaveri Layout 1st Main Road	1				1.00	
	Kaveri Layout 2nd Main Road	1				1.00	
	Kaveri Layout 3rd Main Road	1				1.00	
	Anugraha Layout Main Road	1				1.00	
	Maruthi Layout 1st Main Road	1				1.00	
	AMS Layout Extension 3rd A Main Road	1				1.00	
	AMS Layout Extension Main Road	1				1.00	
	Best County III-2nd Main Road	1				1.00	
	Ambabhavani Nagar 1st Main Road	1				1.00	
	Subhash Chandra Bose Road	1				1.00	
	Giridhama Nagar, 10th Main Road	1				1.00	

SL NO	CHAINAGE	NO	L (m)	Avg B (m)	Avg D (m)	QTY	REMARKS
	Adithya Nagara 9th Main Road	1				1.00	
	BHEL Layout 2nd Main Road	1				1.00	
	BHEL Layout 2nd Cross Road	1				1.00	
	BHEL Layout 3rd Cross Road	1				1.00	
	BHEL Layout 4th Cross Road	1				1.00	
	BHEL Layout 5th Cross Road	1				1.00	
	Sri Chowdeshwari Layout. 5th Cross Road	1				1.00	
	SFS 407 1st Main 4th cross Road	1				1.00	
	Sri Chowdeshwari Layout. 1st Cross Road	1				1.00	
	Sainagara 3rd Stage, 6th Main Road	1				1.00	
	Best County 3rd Cross Road	1				1.00	
	Best County 1st A Main Road	1				1.00	
	Best County 1st Cross Road	1				1.00	
	AMS Layout 3rd main Road 3,4,5 Cross Roads	1				1.00	
	AMS Layout 1st main Road, 3rd Cross Road	1				1.00	
	AMS Layout, Akashavani Layout, Swaghat Layout, Ayyanna Layout	1				1.00	
	M S Palya Circle Hesaraghatta Main Road	1				1.00	
	AMS Layout 9th Cross Road	1				1.00	

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SL NO	CHAINAGE	NO	L (m)	Avg B (m)	Avg D (m)	QTY	REMARKS
Sai Orchard Layout		1				1.00	
Doddabettahalli Layout 7th Main Road		1				1.00	
Eshwari layout 1st Main Road		1				1.00	
Rajiv Gandhi Nagara Main Road		1				1.00	
Sri Chowdeshwari 2nd cross		1				1.00	
	Total Quantity					65.00	Nos
	Quantity Carried to Summary					65.00	Nos

Asst Engineer
Ward No.04
BBMP

Asst. Executive Engineer
Yelahanka Satellite Town Sub Div-1
BBMP

BRUHAT BANGALORE MAHANAGARA PALIKE

Executive Engineer, Yelahanka Division

Name of Work: Providing and fixing SS Name Boards in Attur Ward No.04 of Yelahanka Satellite Town Sub Division.

Measurement Sheet

1st & Final Bill

Name of Agency: Sri. Pradeepa K A Recorded on: 16/09/2023

Item No.	2						

Item Name: Supply and fixing of Retro Reflective Double Arrow Road name sign board of size 2000mm x 900mm made out of retro reflective sheeting conforming to type XI standards of ASTM D 4956-09 & as per IRC 67-2012 for full back ground of blue color & white letters and fixed over 4 mm thick Aluminium composite Material sheet having minimum 0.5mm thick aluminium skin on both sides with back side painted grey color and fixed over back support frames SS angle of 15mm x 20mm x 1.2mm, supported by 38mm OD stainless steel pipe all round in 304 grade and 2nos of vertical posts of 50mm OD stainless steel pipe of 202 grade firmly fixed to the ground by means of properly designed foundation of size 450mm x 450mm x 600mm in 1:1.5:3 ratio cement concrete. The background shall be blue in color with letters and border in white, the item includes earthwork excavation, cost of all materials loading, unloading, lead, lift, transportation etc., complete as per clause 6.9 of IRC 67-2012 or Type XI retro reflective sheeting from the sheeting manufacturer & a certified copy of test reports from an independent test laboratory conforming to clause 6.7 of IRC 67-2012 including outdoor weather exposure report for the retro reflective sheeting offered hall be submitted by the contractor for technical qualification in the tender. (Approved Rate)

SL NO	CHAINAGE	NO	L (m)	Avg B (m)	Avg D (m)	QTY	REMARKS
Pre-Measurement Recorded On:							
Double Arrow SS Name Boards							
	Hesarughatta Road-Ambabavani Temple Road	1				1.00	
	Anugraha Layout-Aveka Nagar Layout	1				1.00	
	Vishwanagar-Basavalingappa layout	1				1.00	
	Giridhamanagara Main Road-Kaveri Layout	1				1.00	

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SL NO	CHAINAGE	NO	L (m)	Avg B (m)	Avg D (m)	QTY	REMARKS
	AMS Layout 7th Main Road 6th,5th,4th Cross Roads | 3rd,1st, 2nd Cross Roads	1				1.00	
	Sandeep Unni Krishnan Road Thirumalanagara | Yelahanka Upanagara	1				1.00	
	AMS Layout 4th Main Road 6th,5th,4th, 3rd Main Roads | 3rd,2nd,1st Main Roads	1				1.00	
	Attut Layout Main Road-Ananthapura Main Road	1				1.00	
	Sri Rutha Viranjeneya MS Palya | Hesaraghatta Road	1				1.00	
	Ananthapura Village Ramagondanahalli | Doddaballapur	1				1.00	
	SFS 208-SFS 407, 1st Main Road	1				1.00	
	MS Palya-Yelahanka	1				1.00	
	Total Quantity					12.00	Nos
	Quantity Carried to Summary					12.00	Nos

Asst Engineer
Ward No.04
BBMP

Asst. Executive Engineer
Yelahanka Satellite Town Sub Divi
BBMP